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RUNCAN, V.

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G. Toshev.

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Bulgaria

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instituta (dir. - dotsent A.M.Ganichkin)

(TENDONS, dis.

giant-cell xanthomatous granuloma)

(GRANULOMA

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(RETROPERITONEAL SPACE, neoplasma
neurilemmoma, causing compression of ureter)
(NEURILEMMOMA
retroperitoneal space, causing compression of ureter)
(URETERS, dis.
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FILE # 100-361614

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13

PHASE I BOOK EXPLOITATION

SOV/5474

Terpigorev, A. M., Academician [deceased], Chairman of the Editorial Board, R. P. Kaplunov, Professor, Doctor of Technical Sciences, Deputy Chairman of the Editorial Board, Ye. F. Moskal'kov, Mining Engineer, V. V. Nedin, Professor, Doctor of Technical Sciences, Yu. V. Seledkov, Mining Engineer, O. O. Sosedov, Mining Engineer, and L. Ya. Tarasov, Mining Engineer.

Spravochnik po gornorudnomu delu. t. 2: Podzemnyye raboty (Ore-Mining Industry Handbook. v. 2: Underground Operations) Moscow, Gosgortekhzdat, 1961. 855 p. Errata slip inserted. 12,000 copies printed.

Scientific Eds. (Titlepage): A. M. Terpigorev, Academician, and R. P. Kaplunov, Professor, Doctor of Technical Sciences; Resp. Ed.; L. Ya. Tarasov; Eds. of Publishing House: M. M. Smirenskiy, and V. N. Partsevskiy; Tech. Ed.: V. L. Prozorovskaya, and M. A. Kondrat'yeva.

Card 1/18

Ore-Mining Industry (Cont.)

SOV/5474

PURPOSE: This handbook is intended for mining engineers and skilled personnel of the mining industry.

COVERAGE: Volume II of the handbook reviews various methods of underground mining and analyzes the basic principles underlying different types of ore mining operations. Parts I, VI, IX XI, and XV of this volume were written by L. Ya. Tarasov, Mining Engineer, L. Ye. Egel', Geological Engineer, also participated in writing Part I. Part II was written by A. M. Bybochkin, Candidate of Geological and Mining Sciences; Part III by D. N. Ogioblin, Professor, Doctor of Technical Sciences, and M. G. Papazov, Candidate of Technical Sciences; Parts IV, V, and X were written by R. P. Kaplunov, Professor, Doctor of Technical Sciences; Part VII by V. V. Nedin, Professor, Doctor of Technical Sciences, and by Sh. I. Ibrayev, Docent, Candidate of Technical Sciences; Part VIII by N. N. Polyakov, Docent, Candidate of Technical Sciences (deceased) and by M. B. Udalkin, Mining Engineer; Part IX by A. M. Alyamskiy, Docent, Candidate

Card 2/18

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Ore-Mining Industry (Cont.)

SOV/5474

of Technical Sciences (deceased); Part XII by G. M. Malakhov, Professor, Doctor of Technical Sciences; and Part XIV by V. N. Voronin, Doctor of Technical Sciences (deceased), and L. D. Voronina, Candidate of Technical Sciences. No personalities are mentioned. Each part of the handbook is accompanied by references, all Soviet.

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BULGARIA

~~PAPAZOVA, M.~~, BOEV, K., MILENOV, K., ATANASOVA, E., Institute of Physiology,
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Electrogastromyogram and the Intensity of the Contraction Wave of the
Gastric Wall"

Sofia, Doklady Bolgarskoy Akademii Nauk, Vol 19, No 3, 1966, pp 241-244

Abstract: [English article] It was established earlier that the stomach wall contracts without interruption and that there are slow polyphase changes in the electrogastromyogram corresponding to these low-amplitude contractions of the gastric wall. When these rhythmic contractions increase their amplitude, i.e., when they become stronger, there are groups of spike potentials appearing in the electrogastromyogram. Experiments with 15 dogs were made for the purpose of establishing the relationship between the appearance of spike potentials and the intensity of the contraction wave. Strain-gauges were used to record the contractions of the gastric wall. The article presents the description of experimental procedures, summarizes the results, compares the new findings with those of other authors, and discusses the possible connections between the motor and bioelectric activities of the stomach. There are 1 Bulgarian, 1 Soviet, and 7 Western references. (Manuscript received, 8 Dec 65.)

1/1

PAPAZOV, I., Inc.

Mechanization and automation of the radioelectronic industry in Bulgaria. Przegł telekom 36 no.9:255-258 S '64.

1. Chief Engineer, Low Voltage Apparatus Factory, Sofia.

PAPAZULOV, I., elektrotechnik

A useful book ("Electric equipment for tractors and automobiles."
V.N.Mozhaev) Reviewed by I.Papazulov, Avt.transp.33 no.7:40 J1'55.
(Automobiles--Electric equipment) (Mozhayev, V.N.) (MLRA 8:12)

BULGARIA/Chemical Technology - Leather. Fur. Gelatine,
Tanning Agents. Technical Proteins.

H.

Abs Jour : Ref Zhur - Khimiya, No 16, 1958, 56250

Author : Pozharliev, Papazyan

Inst : -

Title : The Vegetable-Tanning of Haberdashery Pig Stock in
Pickling Drums.

Orig Pub : Leka promyshlenost, 1957, 6, No 10, 13-15

Abstract : A tanning process is significantly speeded up if the pig
stock has been vegetable-tanned in pickling drums. The
leather obtained possesses a lighter and a finer outer
side, and is more pliable in belting than those which
have been tanned without salt. This method makes it pos-
sible to use a native tanning agent - sumac, which other-
wise could not be used, due to the possibility of its
fermentive decomposition. The tanning occurs at a salt
concentration of 25-50g./l, and pH of 3.2 - 3.8.

Card 1/2

50

PAPAZYAN, A.D.

On a manuscript of Avicenna's "Book of salvation." Dokl. AN Arm. SSR.
23 no.5:229-234 '56. (MLRA 10:2)

1. Institut istorii Akademii nauk Armyanskoy SSR. Predstavleno S.T.
Yeremyanov.

(Avicenna, 980? - 1037) (Manuscripts, Armenian)

PAPAZ'YAN, D. S.

"Vagiotomy in Ulcerous Diseases of the Stomach and Duodenum." Sub 10 Sep 51,
Second Moscow State Medical Inst imeni I. V. Stalin.

Dissertations presented for science and engineering degrees in Moscow
during 1951.

SO: Sum. No. 480, 9 May 55.

PAPAZ'YAN, D.S., kandidat meditsinskikh nauk

Echinococcosis of the mammary gland. Khirurgiia no.6:68 Je '55.

(MLRA 8:10)

1. Iz kliniki obshchey khirurgii (dir.-zasluzhennyi deyatel' nauki prof. V.P. Voznesenskiy) II Moskovskogo meditsinskogo instituta imeni I.V.Stalina

(ECHINOCOCCOSIS

mammary gland, surg.)

(BREAST, dis.

echinococcosis, surg.)

PAPASCH, D.S., kand.med.nauk (Moskva)

Etiology of Urov's disease (Kaschin-Beck disease). Flin.med. 36
no.6:145-148 Dec'58 (Rus 11:7)

(OSTEOARTHRITIS, etiol. & pathogen,
deformans endemica (Rus))

PAPAZ'YAN, D.S., kand.med.nauk

Urov (Kashin-Beck) disease. Sbor, trud. Med.nauch. ob-vo Abkh. 2:
37-43 '59. (MIRA 14:10)
(ARTHRITIS, RHEUMATOID)

PAPAZ'YAN, D.S., kand.med.nauk

Critical remarks on the operation for intersection of the vagus
nerves as a method of treatment in peptic stomach ulcer and
duodenal ulcer. Sbor. trud. Med. nauch. ob-vo Abkh. 2:45-50 '59.
(MIRA 14:10)

(VAGUS NERVE) (STOMACH—ULCERS)
(DUODENUM—ULCERS)

PAPAZ'YAN, D.S., kand.med.nauk; NACHKEBIYA, M.V.

Treatment of pyoseptic diseases by intramuscular introduction of
biomycin. Sbor. trud. Med. nauch. ob-vo Abkh. 2:51-54 '59.
(MIRA 14:10)

1. Iz Instituta eksperimental'noy patologii i terapii AMN SSSR
(direktor - kand.biologicheskikh nauk I.A.Utkin), i Sukhumskey
zheleznodorozhnoy bol'nitsy (glavnyy vrach T.I.Chanturiya).
(AUREOMYCIN)

PAPAZYAN, N. (Yerevan); TUMANYAN, B. (Yerevan)

Improving the operation of signal equipment used in observing
artificial earth satellites. Astron. tsir. no.190:15-16

Mr '58.

(MIRA 11:9)

(Artificial satellites) (Electronic measurements)

MEKRYAN, G.M.; BABYAN, V.O.; PAPAZYAN, N.A.

Compounds of the acetylenic series from 1,3-dichlorobutene-2.
Part 3. New experimental method for the preparation of methy-
lacetylene. Izv.AN Arm.SSR.Ser.FMET nauk 5 no.1:17-24 '52.
(MIRA 9:7)

1.Khimicheskiy institut Akademii nauk Armyanskoy SSR.
(Propyne)

PAPAZYAN, N. A.

Organic Chemistry, Synthesis (12623)

Dokl. Ak. Nauk. SSSR, Vol. 16, No. 1, 1957, pp. 12-16

Mkryan, G. M.; Papazyan, N. A.

Reaction Mechanisms for the Preparation of Diacetylenic Compounds With the Aid of Aqueous Solutions of Cuprous Chloride and Arnonium Chloride

Gives reaction mechanisms for the preparation of diacetylenic compounds with the above catalysts. Prepared dimethyldiacetylene at a 90% yield.

SO: Referativnyi Zhurnal -- Khimiya, No. 2, 1954 (W-10907)

Hydration of dimethyldiacetylene. G. M. Mervan and N. A. Paparyan. *Doklady Akad. Nauk Armyan. S.S.R.* 16, No. 4, 108-110 (1953); *Referat. Zhur., Khim.* 1954, No. 21575. The hydration of $(\text{MeC}\equiv\text{C})_2$ (I) was studied for the purpose of its utilization in obtaining AcCH_2COB (II). The hydration of I was carried out under conditions previously worked out (Nazarov and Zartakaya, *C.A.* 37, 6243) for hydrocarbons of the divinylacetylene series. To a mixt. of 2 g. HgSO_4 , 2 g. concd. H_2SO_4 , and 10 ml. of H_2O was added a soln. of 20 g. of I in 90 g. MeOH . The mixt. was stirred for 15 hrs. at 60-65°, 1 g. HgSO_4 was added, and the stirring continued at the same temp. for 1 hr. The mixt. was filtered and the filtrate added to a warm aq. soln. of 35 g. of $(\text{AcO})_2\text{Cu}$ in 200 ml. H_2O . The following day the ppt. was filtered off by suction, washed with approx. 100 ml. MeOH , and decompd. under ether with 20% Na_2SO_3 . The aq. layer was extd. twice with ether to yield 15.4 g. II, b.p. 181-2°, n_D^{20} 1.4508, and n_D^{25} 1.4585; red color with FeCl_3 . The filtrate, after being freed of the Cu salt, yielded 2 g. of a polymeric product. The action of semicarbazide (0.97 g. $\text{H}_2\text{NNHCONH}_2 \cdot \text{HCl}$ and 0.71 g. of AcONa in 1-3 ml. H_2O) on 1 g. II gave the amide of 3-methyl-5-ethylpyrazole-1-carboxylic acid (III), m. 78-82°. The wide range of the melting temp. is explained by the presence of the 3-ethyl-5-methyl isomer. M. Hosh

PAPAZYAN, N.A.

Preparation of 2,5-diphenylfuran and (phenylacetyl)acetophenone by the hydration of diphenylacetylene.
 M. MUKYAN and N. A. PAPAZYAN. Doklady Akad. Nauk
 Armyan. S.S.R. 21, No. 4, 187-188 (1955) (in Russian).
 A soln. prepd. by warming 50 g. CuCl_2 , 100 g. NH_4Cl , and
 250 ml. H_2O treated with O_2 for oxidation of part of the
 cuprous form (1 mole O_2 / 4 moles of the desired hydrocarbon
 is the desired amt. of O_2 equiv. to 1.0-2.0 g. increase in wt.).
 25 g. $\text{PhC}\equiv\text{CH}$ was added, the mixt. stirred on a water bath
 1 hr., treated with 200 ml. C_2H_5 , stirring and heating con-
 tinued until the yellow material disappeared (18 hrs.), and
 the org. layer and a C_2H_5 ext. of the aq. layer washed with
 dil. HCl and evapd. gave 52.8% pure $(\text{C}_6\text{H}_5)_2\text{C}(\text{COCH}_3)_2$ (1), m. 87°
 (from MeOH). The catalyst can be reused without further
 oxidation. 1 (10 g.) added to 1 g. HgSO_4 , 1 g. concd. H_2SO_4 ,
 and 50 g. 90% MeOH and stirred 20 hrs. at 60-5° gave
 a voluminous yellowish ppt., which was sepd., the washings
 with 10 ml. MeOH were combined with the filtrate, this soln.
 was added to 11.7 g. $(\text{AcO})_2\text{Cu}$ in 100 ml. H_2O , the mixt. kept
 overnight, the resulting ppt. of the Cu deriv. sepd., washed
 with H_2O , decompd. with 20% H_2SO_4 under H_2O , and the
 solvent evapd., giving 3.4 g. $\text{BaCH}_3\text{COCH}_2\text{Ph}$, m. 54° (from
 EtOH); semicarbazone, m. 140-1°. The yellow substance
 (5.2 g.) filtered off from the above reaction mixt., crystd.
 from hot MeOH to remove the catalyst, yielded 3.38 g. 2,5-
 diphenylfuran, m. 87-8°, giving with concd. H_2SO_4 a red-
 brown soln. with green fluorescence. The total yield of this
 substance is about 55.8%, with a 28.9% total yield of the
 diketone after working up of the various wash liquors.
 C. M. Losolapoff

MKRYAN, G.M.; MINDZHOYAN, Sh.L.; PAPAZYAN, N.A.; MELKONYAN, S.A.

Reactions of active methylene groups of acetylenic compounds. Izv. Akad. Nauk Arm. SSR, Khim. nauki 15 no.1:107-108 '62. (MIRA 15:7)

1. Yerevanskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta sinteticheskogo kauchuka imeni akad. Lebedeva.
(Methylene group) (Acetylene compounds)

MKRYAN, G.M.; PAPAZYAN, N.A.; KAZARYAN, R.A.; ARSENYAN, G.B.

"... derivatives of dienes. Part 1: Some chloro derivatives of
butadiene. Izv. AN Arm.SSR. Khim.nauki 18 no.1:50-59 '65.
(MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut polimernykh
produktov.

OVANESYAN, O.A.; PAPAZYAN, Sh.A., mladshiy nauchnyy sotrudnik

Granuloma of foreign bodies that have simulated tumors. Vop.
rent.1 onk. 6:295-302 '61. (MIRA 16:2)
(GRANULOMA BENIGNUM)

ARZUMANYAN, G.A., kand. med. nauk, Dr. A. A. Arzumanyan, P.A., minist. hy. nauk. i med.
sotrudnik

Comparative data on cytologic and histologic studies of tumors.
Vop. rent. i onk. 7:243-248 1964 (MIR 1964)

ARZUMANYAN, G.A.; PAPAZYAN, Sh.A.

Comparative data on cytological and histological studies of tumors and tumorlike formations of the lymphatic nodes.
Zhur. eksp. i klin. med. 3 no.1:25-36'63. (MIRA 16:10)

1. Institut rentgenologii i onkologii AN Armyanskoy SSR.
(LYMPHATICS — TUMORS) (DIAGNOSIS, CYTOLOGIC)

Subject : USSR/Aeronautics - aerial gunnery AID P - 5122
Card 1/1 Pub. 135 - 7/26
Author : Papchenko, I. D., Eng.-Col.
Title : Checking the training of pilots in aerial gunnery.
Periodical : Vest. vozd. flota, 10, 36-42, 0 1956
Abstract : In order to make it possible for the commanders to check more efficiently the methodical sequence of training of pilots in aerial gunnery, it is recommended by the author that the present service and decoding cards should be replaced by a graph as described by him. Two graphs, 1 diagram, 1 table. The article merits attention.
Institution : None
Submitted : No date

PAPCHENKO, I. I.

Dissertation: "Method of Inducing the Vibrations of Turbine Blades for Fatigue Tests." Cand Tech Sci, Central Sci Res Boiler-Turbine Inst, Leningrad, 1954.
(Referativnyy Zhurnal--Mekhanika, Moscow, Aug 54)

SO: SUM 393, 28 Feb 1955

PAPCHENKO, I.I., kandidat tekhnicheskikh nauk.

Adjusting the system of excitation of vibration machines developed
by the Central Scientific Research Institute for Boilers and Tur-
bines. Energomashinostroenie 3 no.3:28-30 Mr '57. (MIRA 10:4)
(Turbines--Testing)

PHIPCHENKO, I. I.

78

24-2-21/88

Grigorenko, Ya. M. and Isakhanov, G.V.
Scientific Conference on the strength of elements of
turbo-machinery at elevated temperatures. (Nauchnoye
soveshchaniye po voprosam prochnosti elementov
turbomashin pri vysokikh temperaturakh).

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh
Nauk, 1958, No.2, pp. 165-167 (USSR).

ABSTRACT: A scientific conference was held in Kiev between
September 28 and October 2, 1957 on problems of strength
of elements of turbo-machinery at elevated temperatures,
which was convened by the Institute of Metallo-Ceramics
and Special Alloys (Institut Metallokeramiki i
Spetssplovov), the Institute of Structural Mechanics
(Institut Stroitel'noy Mekhaniki) and the Institute
of Thermal Power (Institut Teploenergetiki Akademii Nauk
Ukrainskoy SSR) of the Ac.Sc., Ukrainian SSR. About
people participated representing scientific and technical
establishments and works of Moscow, Leningrad, Kiev,
Kharkov, Minsk, Kuybyshev, etc. In his opening address
Corresponding Member of the Ac.Sc. Ukraine I. I. Phipchenko
pointed out the importance of the problem of high
temperature strength of components of turbo-machinery.

Card 1/9

Investigation of the temperature fields in turbine
 parts at elevated temperatures.
 A number of papers were read relating to the problems of
 heat conductivity and thermal expansion. The Institute
 investigation of the temperature fields in turbine
 parts. F. Dyben reported on the theoretical and experimental
 investigations of the steady state and the non-steady
 state thermo-conductivity in turbine rotors of various
 designs including investigations on concrete of various
 of rotors produced by the Kirov and Naya Works, the
 "Ekonomayzer" Works and others, carried out at the
 Institute of Thermal Power, Ukrainian A.S. In the
 the temperature fields they used the method of analogs.
 investigation of non-steady state thermo-conductivity
 by means of high frequency heating, the method of
 electro-thermal analogy by means of C.T.A. equipment.
 they obtained a solution of the problem of non-steady
 state thermal conductivity of a hollow cylinder of
 finite length with a relatively general law of the
 changes of the temperature and the heat transfer
 coefficients. The Institute, jointly with the
 Gas Turbine Construction Works, developed a method of
 cooling the discs by blowing cooling air through the

Case 2/9

the dependence of the strength of elements of turbo-
machines at elevated temperatures.

21-2-21/50
assembly gaps of the tails of the propeller blades.
In his paper "Investigation of the Thermal Stresses in
Turbine Rotors" A. B. Kovalenko described results of
investigations in the field of thermo-elasticity carried
out by the Institute of Structural Mechanics, Ukrainian
Ac.Sc., the Kiev State University, and Kiev Polytechnical
Institute and the Institute of Thermal Power, Ukrainian
Ac.Sc. In these studies the following were investigated:
problem of the plane stress state of a disc of variable
thickness in the case of a cyclically symmetrical
temperature field, problem of coupled bending of a disc
in the case of an axisymmetrical temperature field,
a variable modulus of elasticity, an axisymmetrical
problem of thermo-elasticity for a rotor with a